	Application No.	Applicant(s)
Notice of Allowability	09/766,238	LAINEMA ET AL.
	Examiner	Art Unit	
	Charles Kim	2624	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *telephone communication on February 1, 2008*.

2. ☒ The allowed claim(s) is/are *40,42,44-49,52,54,55,58-65,68,70-73,76-83,86-91,94-99,102,105,108-116 and 118-131 (renumbered as claims 1-69 accordingly)*.

3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☒ All   b) ☐ Some*   c) ☐ None of the:

        1. ☒ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of
        Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

DETAILED ACTION

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with

Joseph Gamberdell (Registration No. 44,695) on February 1, 2008. The application has been

amended as follows:

In the claims:

In claim 40, line 12, replace "operation." with --operation, wherein filtering is performed

due to more than one boundary between the first decoded image block and previously decoded

image blocks in a sequential boundary scanning order that is based on a scanning order used in

the encoding process.--

In claim 58, line 13, replace "operation." with --operation, wherein filtering is performed

due to more than one boundary between the first decoded image block and previously decoded

image blocks in a sequential boundary scanning order that is based on a scanning order used in

the encoding process.--

In claim 76, line 12, replace "operation." with --operation, wherein filtering is performed

due to more than one boundary between the first decoded image block and previously decoded

image blocks in a sequential boundary scanning order that is based on a scanning order used in the encoding process.--

In claim 94, line 14, replace "operation." with --operation, wherein filtering is performed due to more than one boundary between the first decoded image block and previously decoded image blocks in a sequential boundary scanning order that is based on a scanning order used in the encoding process.--

In claim 97, line 17, replace "operation." with --operation, wherein filtering is performed due to more than one boundary between the first decoded image block and previously decoded image blocks in a sequential boundary scanning order that is based on a scanning order used in the encoding process.--

In claim 98, line 16, replace "operation." with --operation, wherein filtering is performed due to more than one boundary between the first decoded image block and previously decoded image blocks in a sequential boundary scanning order that is based on a scanning order used in the encoding process.--

In claim 108, line 14, replace "operation." with --operation, wherein filtering is performed due to more than one boundary between the first decoded image block and previously decoded image blocks in a sequential boundary scanning order that is based on a scanning order used in the encoding process.--

In claim 111, line 12, replace "operation." with --operation, wherein filtering is performed due to more than one boundary between the first decoded image block and previously decoded image blocks in a sequential boundary scanning order that is based on a scanning order used in the encoding process.--

In claim 114, line 13, replace "operation." with --operation, wherein filtering is performed due to more than one boundary between the first decoded image block and previously decoded image blocks in a sequential boundary scanning order that is based on a scanning order used in the encoding process.--

In claim 121, line 11, replace "operation." with --operation, wherein filtering is performed due to more than one boundary between the first decoded image block and previously decoded image blocks in a sequential boundary scanning order that is based on a scanning order used in the encoding process.--

In claim 130, line 14, replace "operation." with --operation, wherein filtering is performed due to more than one boundary between the first decoded image block and previously decoded image blocks in a sequential boundary scanning order that is based on a scanning order used in the encoding process.--

In claim 131, line 13, replace "operation." with --operation, wherein filtering is performed due to more than one boundary between the first decoded image block and previously decoded image blocks in a sequential boundary scanning order that is based on a scanning order used in the encoding process.--

Reasons for Allowance

2.   The following is an examiner's statement of reasons for allowance: the essential difference from the prior art is the step of filtering more than one boundary between the first decoded image block and previously decoded image blocks in a sequential boundary scanning order that is based on a scanning order used in the encoding process. These features in

combination with the other elements of the claim and the base claim are not disclosed or

suggested by the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the

payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for

Allowance."

Citation of Relevant Prior Art

3.   The prior art made of record and not relied upon is considered pertinent to applicant's

disclosure.

a.   Hirase et al., U.S. Patent Application Publication No. 2004/0213344 discloses an

intra-block prediction device that predicts the values of pixels in a block based on pixel values of

a previously decoded image block (figure 1).

Contact Information

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Charles Kim whose telephone number is 571-272-7421. The

examiner can normally be reached on Mon thru Thurs 8:30am to 6pm and alternating Fri 9:30am

to 6pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Bhavesh Mehta can be reached on 571-272-7453. The fax phone number for the

organization where this application or proceeding is assigned is 571-272-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).
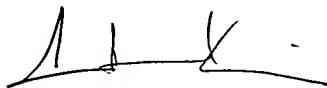
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